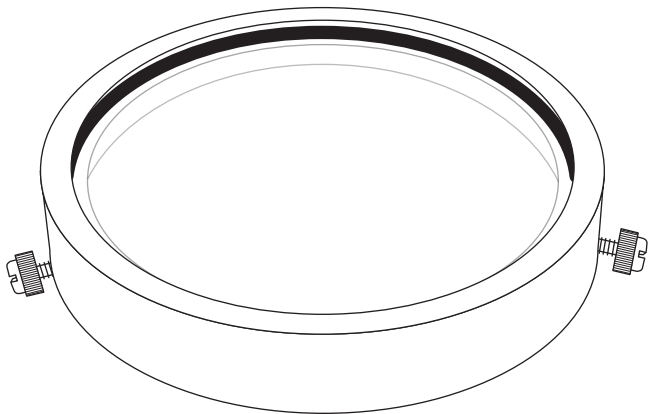




## **Filters for DSLR Standard and Modular Flat Ports**

Product Numbers 6441.17 — 6441.47 — 6441.87



### **Product Registration**

Please register your product at [ikelite.com](http://ikelite.com) within 15 days of purchase. Our product registration database is the best way for us to get a hold of you in the event of a product update or recall.

## About these Products

Thank you for your purchase of Ikelite equipment. Please read this instruction manual completely before attempting to operate or dive with this product. Please visit [ikelite.com](http://ikelite.com) to register your product to receive information on any updates, notices, or recalls pertaining to your equipment.

### Yellow Barrier Filter – 6441.17

To see fluorescence underwater, you'll need a light with an "excitation filter" attached AND "barrier filters" attached to both your mask and camera system. What you'll generally see is a glow emitted from a variety of corals and animals, mostly in greens, blues, and reds. You may find two of the same type of corals—one which fluoresces, and one which doesn't. Dive your favorite spots in a different light and see what you've been missing!

Fluorescence is technically the photon emitted as an electron relaxes from its excited state to its ground state. In layman's terms, it's the glowing you are familiar with in glow sticks, jellyfish, and forensics. A variety of organisms and materials above and below water exhibit fluorescence—often with the introduction of a particular wavelength of light.

Fluorescence photography may be captured during the day by experimenting with using a very powerful, filtered light source and under-exposing the ambient light.

### Tropical Blue Water Filter – 6441.47

The specially formulated UR/Pro color correcting filter for tropical blue water settings enhances warm reds and oranges with available sunlight up to 80 ft (24m). Use in the Caribbean, Indonesia, and any blue water setting.

This filter is usable on Ikelite Modular Flat Ports and Standard Flat Ports. Dome ports require the use of an internal filter attached to your camera's lens, not available through Ikelite.

### Green Water Filter – 6441.87

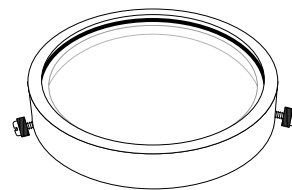
The UR/Pro color correcting filter for green water enhances contrast and improves the color of green water to give your subject a rich, natural tone. Effective with available sunlight up to 80 ft (24m). Use in most lakes and any green water setting.

This filter is usable on Ikelite Modular Flat Ports and Standard Flat Ports. Dome ports require the use of an internal filter attached to your camera's lens, not available through Ikelite.

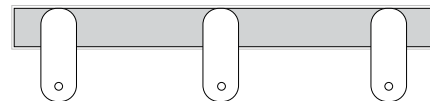
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## Included in the Box



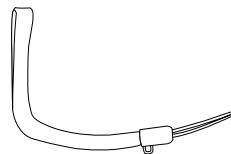
Color Filter



Velcro Mounting Strips



3 Spare Nylon Screws



Lanyard

## Attaching the Filter to a Modular DSLR Flat Port

Unscrew the 3 nylon screws on the filter to where the screw threads do not protrude beyond the face of the inside of the filter body.

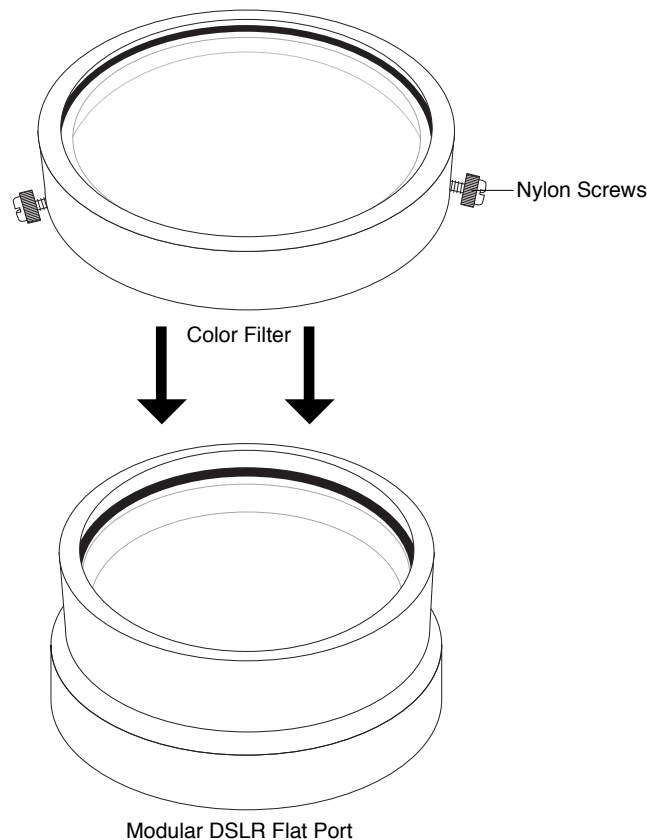
Lower the Color Filter onto the Modular Port as shown. Secure the Color Filter to the Modular Port by tightening the 3 nylon screws.

## Using the Filter Underwater

If the filter is attached to the port before entering the water there may be air trapped between the filter and the front of the port. Remove the filter to let any trapped air escape, wipe the inside of the filter and front of the port to dislodge any air bubbles that may be attached. Replace the filter and tighten the nylon screws to secure the filter to the Modular Port.

If air is trapped between the filter and the housing port or if bubbles are attached to either the filter or housing port they will show-up as blurry spots in your photographs.

The enclosed Lanyard can be used to secure the Color Filter to the port in the event the filter comes off underwater.



## Attaching the Velcro Loop Strip to the Standard DSLR Port

The Velcro Loop Strip is to be secured to the Standard DSLR Port in the area shown at the right. Make sure this area is clean and dry. Remove the 3 Velcro Hook Strips from the Velcro Loop Strip before installing.

Remove the Velcro Loop Strip from the paper backing, the Loop Strip has an adhesive backing. Secure the Loop Strip just below the black black port ring as shown.

## Attaching the Filter to the Standard DSLR Port

Remove each of the 3 nylon screws, place the screw threads through the hole in each of the Velcro Hook Strips and re-attach each screw and Hook Strip to the filter body as shown. Do not fully tighten the nylon screws, leave the Hook Strips free to move.

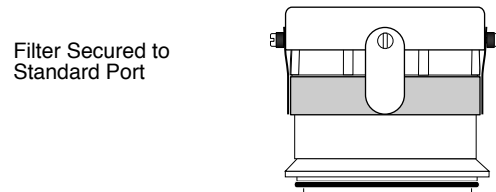
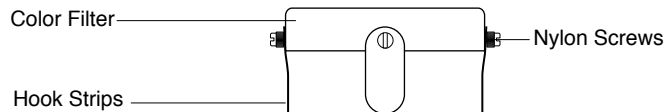
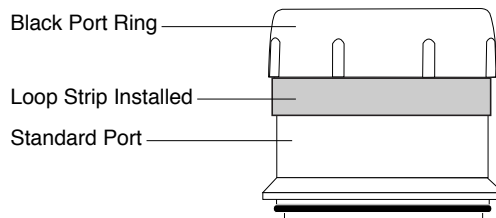
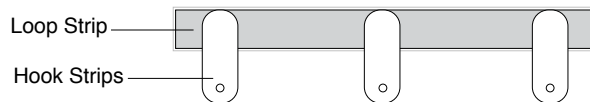
Place the filter over the front of the port with each Hook Strip hanging down from the filter. Attach each Hook Strip to the Loop Strip encompassing the Standard DSLR Port. Once each Hook Strip is attached the nylon screws can be tightened.

## Using the Filter Underwater

If the filter is attached to the port before entering the water there may be air trapped between the filter and front of the housing port. Remove the filter to let any trapped air escape, wipe the inside of the filter and front of the port to dislodge any air bubbles that are attached. Replace the filter and tighten nylon screws.

If air is trapped between the filter and the housing port or if bubbles are attached to either the filter or housing port they will show-up as blurry spots in your photographs.

The enclosed Lanyard can be use to secure the Color Filter to the port in the event the filter comes off underwater.



## Maintenance

The Color Filter is protected with a scratch resistant coating. Special care should always be taken when handling. Immediately after use, rinse and gently dry the filter to avoid water spotting. If necessary, use a mild non-abrasive soap solution or lens cleaner, and a very soft cloth to clean the filter. Minor scratches will usually fill with water and not affect the picture quality.

Saltwater should never be allowed to dry on the filter. The saltwater can crystallize and making it quite difficult to remove without damaging the surface of the filter. Any damage to the surface may result in blurry spots in you photographs.

## Service and Repairs

Ikelite is most interested in performing any service to ensure that all products perform as intended. Evidence of purchase date must be provided to obtain warranty service.

No prior authorization is required. You may return directly to us or through your dealer. Please include a brief description of the problem, any relevant email correspondence, and/or instructions on what you want us to do. Always include name, shipping address, email address, and phone number inside of the package. Send postage paid to:

Ikelite Service Dept.  
50 West 33 Street  
Indianapolis, IN 46208 USA

No reimbursements for postage paid will be issued. You may also want to insure the package.

For the separate international customs documentation form that you complete to accompany the shipment, please state or designate that the enclosed products were originally manufactured in the USA and are being returned to the manufacturer for repair service. Value of the equipment listed for customs purposes should be zero.

## Limited Warranty

This product is warranted against manufacturing defects for a period of one year from the date of purchase. Defective products should be returned prepaid to Ikelite. Ikelite will, at its discretion, (a) repair utilizing new, remanufactured, and/or recycled parts; (b) exchange for a new product or; (c) exchange for a refurbished product; and return to customer prepaid. All other claims, of any nature, are not covered. Except as mentioned above, no other warranty, express or implied, applies to this product.

## **Contact Us**

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